VICON

2015 Product Selection Guide

About Us

Vicon is an industry-leading designer, manufacturer and marketer of video systems and components used for security, surveillance, safety and control purposes. With almost 50 years in business, the company is unrivaled in experience developing video surveillance technologies. Vicon systems are employed worldwide in high-profile, enterprise-scale installations by a diverse range of customers in a variety of markets, including government, corrections, education, commercial, healthcare and transportation.

Vicon oversees its worldwide operations from its main headquarters located on New York's Long Island and has offices worldwide. The company is publicly traded on the New York Stock Exchange under the symbol "VII." With thousands of successful Vicon IP, analog and hybrid installations across the globe, you can rely on our products and service.

- **Integrated video solutions providing innovative technology**
- **Single point-of-contact for all your security needs**
- **Open-platform design allows for easy integration**
- **Proven reliability and cost-effective ROI, with applications for every market**
- **Scalable security systems designed for tomorrow's growth**

Vicon and IQinVision Merger Solutions:
With the recent merger of Vicon and IQinVision, we have added a wide range of high-resolution IP cameras to the Vicon line of products. These IQeye cameras, found on page 10, complement and add to our full security solution offerings with:

- **Full Range of Image Resolutions**
- **Open Platform Integration with 3rd Party NVRs and VMS systems**
- **Reputation for High Quality and Reliability**
- **Innovative Features and Advanced Analytics**
- **ONVIF and PSIA Compliant**

THE VICON DIFFERENCE:
Providing Reliable Products Backed by Extensive Customer Support

Professional Services

With our Professional Services, new solutions require less time and cost to implement, communication is streamlined, and access to service and resources is easier:

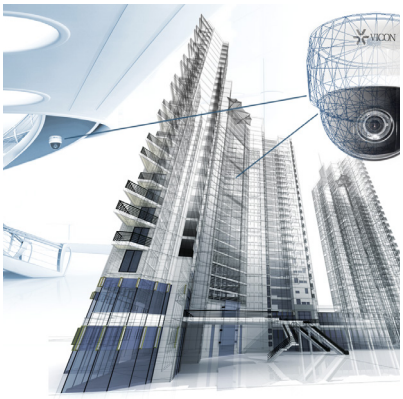
- **Vicon Classroom** – On-site customized, hands-on training
- **Field Services and Project Engineering** –Single point-of-contact engineers work onsite and provide on-going communication
- **Factory Direct System Pre-Configuration** – All system components, including pre-registration of software licenses, are pre-configured

ViconNet Training Classes

Providing invaluable education of the Vicon security solution:

- Classes held monthly across the U.S.
- Provides hands-on training of Vicon products, including our unique features and configuration components
- Become a certified Vicon professional with option to earn BICSCI credits
- Customized training available at the location of your choice

Certified



AEC Support Services

We make it easy to design your project:

- AEC Support website portal – CAD, BIM files, A&E specs, bandwidth calculator and more
- AutoDesk and ARCAT partnership – Download Revit 3D models, CAD drawings, RTF files, BIM library, and product specs or use Spec Wizard to quickly specify products into all of your designs
- Dedicated AEC Support team

Technical Support

Committed to providing world-class support to our customers with extensive online resources and phone support:

- Helpful video tutorials are on our website and Youtube
- Software updates and patches are easy to download
- Help Forum and Knowledgebase FAQs quickly answer your questions

ViconNet Video Management Software

Open Platform Network Solutions for Every Size and Budget

- ViconNet Video Management Software, available as JUMP, ZONE or PEAK, offers customization and compatibility with a wide range of ONVIF-compliant video, camera and computer hardware
- Feature-rich interface, reliable performance, and fully scalable systems have made ViconNet a critical component in thousands of facilities worldwide
- Integrates with IP and analog technologies as well as 3rd party technologies including access control and video analytics
- Packages are priced for every sized system and budget, offering video management solutions optimized for all your security needs

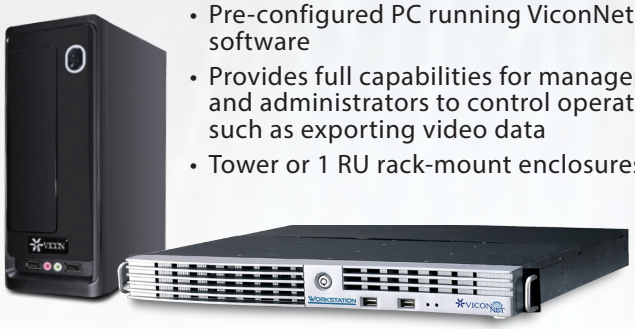
ViconNet NVRs

ViconNet JUMP NVR

- Preloaded with ViconNet JUMP software
- Convenient small form factor with high performance features
- 1 TB storage
- Supports up to 6 cameras from a single NVR with no licensing fee
- Can be used with Web Browser or Workstation software to view local video
- Vertical standing rack or VESA mounting bracket

ViconNet ZONE / PEAK NVRs

- Ability to view, control and configure every ViconNet DVR and IP device on the network
- Pre-configured PC running ViconNet software
- Provides full capabilities for managers and administrators to control operations such as exporting video data
- Tower or 1 RU rack-mount enclosures



8-Bay NVR Shadow NVRs

- Pre-configured with ViconNet software; includes internal RAID 5 storage
- Available with 8 or 24 bays
- Ability to view, control and configure every ViconNet DVR and IP device on the network
- Hot-swappable drives
- Supports system integration with access control and video analytics

ViconNet Nucleus

- Dedicated Nucleus for a ViconNet system
- Available as a pre-configured PC or software only
- Centralized management of all system components
- Recommended for ViconNet networks with more than five NVRs or DVRs

Virtual Matrix Display Controller

- Scalable matrix control solution for small and large installations
- 1080p high-definition; 16 x 9 viewing; H.264 compression
- Intuitive GUI provides easy-to-use controls
- Connect up to 6 monitors to each unit; add more units for multiple monitor solutions
- Control can be shared by multiple operators
- Create large multi-monitor displays
- Network keypad provides joystick control (sold separately)

Vicon Mobile

- Covers iPad, iPhone and Android phones and tablets
- Securely connect to ViconNet systems
- View live video or playback
- Full control of PTZ cameras, including presets
- View multiple concurrent video streams; 4 on phone devices, 9 on tablets
- Touch-control on-screen jog wheel provides control of PTZ cameras
- Uses existing ViconNet user account privileges

  Tablet/Phone not included

ViconNet Web Server

- Provides single point-of-access to all cameras and recorders in an enterprise class system using the browser interface
- Enhances system ability to support simultaneous users
- Available as software only or as a pre-configured PC within a 1 RU rack-mount enclosure
- Browser-based interface for live viewing and playback
- Compatible with Internet Explorer, Firefox, Chrome and Safari

ViconNet Network Workstation

- Ability to view, control and configure every ViconNet DVR and IP device on the network
- Pre-configured PC running ViconNet software
- Provides full capabilities for managers and administrators to control operations such as exporting video data
- Tower or 1 RU rack-mount enclosure

VN-SAN RAID Storage Device

- Available with 18 or 48 bays
- Up to 81 TB usable RAID5 storage
- iSCSI protocol for network connection
- Rack-mountable and stackable enclosures
- Single device may provide storage to multiple NVRs

Kollector DVRs

Kollector Strike Hybrid DVR

- 16-channel hybrid digital video recorder with full-featured ViconNet VMS
- Records 16 analog and up to 8 additional IP (up to 5 MP) cameras
- 4 dry contact alarm inputs and relay control outputs; 1 serial port; 4 microphone ports
- Supports museum search for all 16 analog cameras
- Supports up to 6 TB of storage (removable HD model)
- 1 RU rack-mount enclosure

Kollector Force Hybrid DVR

Kollector Force includes all features of Kollector Strike Hybrid DVR, plus:

- 16 microphone ports and 4 serial ports
- 16 dry contact alarm inputs and relay control outputs
- 16 analog video loopouts
- 4 analog monitor outputs

Edge Devices

Encoders / Decoder

H.264-16CH-ENCDR

16-Channel Encoder

- Dual streaming video
- Up to 480 fps
- Dual network ports for redundancy
- Power-over-Ethernet (PoE or high power PoE) or 24 VAC
- Supports museum search functionality for all cameras
- 8 dry contact alarm inputs and relay control outputs
- 16 audio inputs
- Racks in standard 19-inch racking system

H.264 ENCDR

4-Channel Encoder

- Dual streaming video
- Up to 120 fps
- Power-over-Ethernet (PoE) or 24 VAC
- Supports museum search functionality for all cameras
- 4 dry contact alarm inputs and relay control outputs
- 4 audio inputs
- Racking options: 2 units within 1 RU, 8 units within 5 RU

VN-901T

Single-Channel Encoder

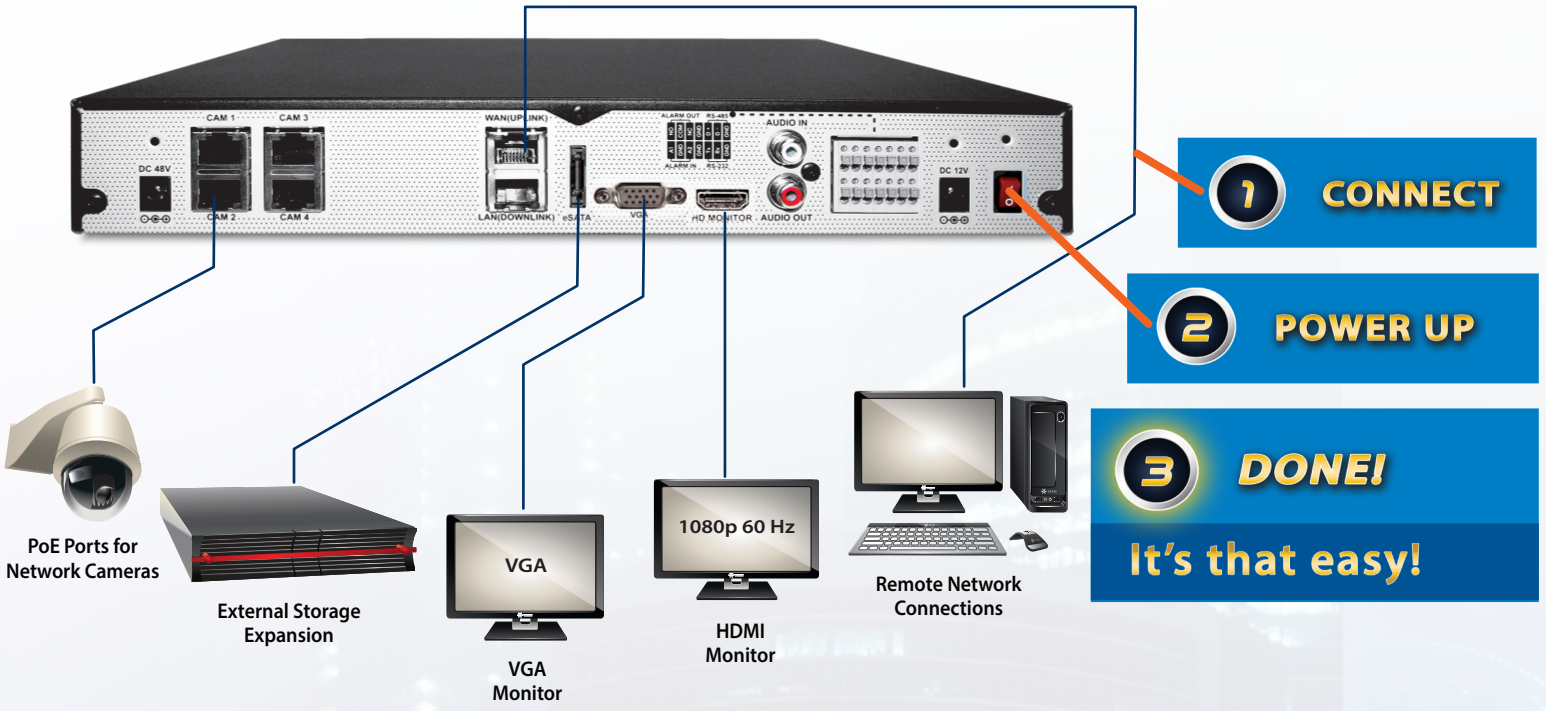
- SIngle analog camera video input; 1 looping output
- Ideal solution for creating hybrid analog/IP systems
- H.264, MPEG-4 and M-JPEG compression
- Supports dual streaming
- Privacy masking and motion detection
- PoE or 12 VDC/24 VAC

VN-DECODER-2

- Ideal companion for VMDC
- Decodes digital IP data into analog for display on monitor
- Connect up to 2 monitors
- Supports 1080p high-definition; 16 x 9 viewing; H.264 compression
- Compact size fits easily in remote display areas

HDExpress
Plug-and-Play NVR

HDExpress is a revolutionary IP video solution that provides 1080p high-definition video recording while removing the pain often associated with installing and configuring network components. Just connect up to 16 IP cameras to the unit's PoE ports and let HDExpress do the rest. The unit's software automatically detects and configures the cameras as they are plugged in. Programming is completely optional.



4 or 8 - Channel Model

16 - Channel Model

- 1080P/60 Hz (1920 x 1080) real-time recording and display
- Built in Power-over-Ethernet switch
- No programming of network cameras required
- Auto notification with self diagnosis (HDD S.M.A.R.T, temperature, network connection status, fan error, etc.)
- Onscreen Graphical User Interface (GUI) for local control
- Web interface for remote viewing
- Mobile phone applications (iPhone and iPad or Android OS)
- Easy export of video to USB storage devices

IP Cameras - PTZ

Surveyor Domes

Outdoor /
Impact Resistant

Pressurized

Surveyor PTZ Cameras

- HD 1080p or 720p resolution
- Optical zoom: 20x (1080p)/30x (720p)
- WDR day/night camera; low light capability
- H.264 or M-JPEG video streams
- High-speed 360° continuous pan
- Impact resistant and pressurized housings available
- ONVIF compliant

SN680D Network PTZ Dome

- 1080p resolution
- WDR; day/night camera with a built-in varifocal 30x optical zoom autoiris lens
- Synchronized IR illuminators with 394 ft (120 m) range
- Triple streaming video
- IP66
- Surface mounting on wall or ceiling
- ONVIF compliant

SN663V Cruiser

- 1080P (1920x1080P) day/night camera
- H.264 and M-JPEG compression formats
- 12X optical zoom and 16X digital zoom
- WDR, DIS (Digital Image Stabilization), tampering, defog, and object detection function
- Outdoor; IP66 rated
- ONVIF compliant

IP Cameras - Fixed

Roughneck V920D Series

- 3MP, 2MP/1080p, 1.3MP/720p and SD resolution models
- True day/night camera; WDR and IR models
- Built-in varifocal lens, including remotely adjustable motorized lenses
- H.264 high profile, MPEG-4 and M-JPEG compression
- IP66 rated; includes heater; IK10 rated for impact protection
- In-ceiling or pendant mount options
- ONVIF compliant

  Analog model available

IP Cameras - Fixed

Cost-Effective Series

CE202D Series

- 1080p resolution
- Day/night camera with fixed 3.7 mm lens
- H.264 high-profile, MPEG-4 and M-JPEG compression
- Remote directional positioning (outdoor model)
- Triple streaming video
- IP65
- ONVIF compliant

CE102D

Indoor

- 1080p resolution
- True day/night camera with fixed 3.7 mm lens
- H.264 high-profile, MPEG-4 and M-JPEG compression
- Triple streaming video
- Built-in IR LEDs
- ONVIF compliant

CE102B

Bullet

- 1080p resolution
- Built-in IR LEDs
- True day/night camera with fixed 3.7 mm lens
- Triple streaming video
- IP 67
- ONVIF compliant

IP Specialty Cameras

V920B Series Bullet Cameras

- 720p/1.3MP, 1080p/2MP and 3MP resolution models
- True day/night camera
- 3-9 mm motorized varifocal autoiris lens
- IR LEDs provide illumination in low light environments
- Built-in heater
- IP 67
- ONVIF compliant

V9360 360°Network Dome

V9360

V9360W

- Fisheye lens captures hemispheric video
- 2032 x 1920 maximum resolution
- 4 megapixel progressive scan CMOS sensor
- Day/night with mechanical IR cut filter
- 180°/360° panorama at full HD resolution
- Selectable H.264, MPEG-4 SP, M-JPEG compressions with dual streaming
- Indoor and outdoor models
- ONVIF compliant

Roughneck HD Cell Camera

- Rugged housing with flat design
- 1080p HD resolution
- Multiple H.264 or M-JPEG streams
- Day/night camera with 2.6 mm lens
- Integrated IR LEDs
- IK 10 vandal impact rating
- Ideal for prisons and custodial suites
- ONVIF compliant

Analog model available

IQeye Cameras

Introducing the IQeye line of cameras

Renowned for their open platform compatibility, image quality, and reliability in the harshest environments. These cameras enhance our current Vicon line of network cameras, which we will continue to offer and support.

12 MP Sentinel

SUPERIOR FEATURES:

- 12 MP/4K resolution
- 30 fps @ QFHD, 15 fps @ 4K and 12MP
- USB storage
- Powerful Dual Core processor
- On-camera analytics
- Gigabit Ethernet PoE
- 2-way audio

Sentinel Series

- Resolutions up to 5 MP
- Remote back focus for sharp focusing
- H.264 and M-JPEG compression
- 60 fps @ HD720p, 30 fps @ 1080p, 10 fps @ 5 MP
- WDR available in 1/2/3 MP
- True day/night camera
- Lightgrabber low-light feature
- Power-Over-Ethernet, 12-24 VDC, 24 VAC
- IP66/NEMA 4 outdoor enclosure
- ONVIF and PSIA compliant

IQ Domes

Alliance-mx Dome

- Resolutions up to 5 MP
- H.264 and M-JPEG compression
- WDR available in 1/2/3 MP models
- Built-in IR LEDs
- True day/night camera
- Lightgrabber II low-light feature
- Power-over-Ethernet
- IP66/NEMA 4 outdoor enclosure
- ONVIF and PSIA compliant

Alliance-pro Dome

- Resolutions up to 5 MP
- H.264 and M-JPEG compression
- 60 fps @ 720p, 30 fps @ 1080p, 10 fps @ 5 MP
- WDR available in 1/2/3 MP models
- True day/night camera
- IP66/NEMA 4 outdoor enclosure
- Power-over-Ethernet, 12-24 VDC, 24 VAC
- ONVIF and PSIA compliant

Alliance-mini Dome

- Resolutions up to 5 MP
- H.264 and M-JPEG compression
- WDR available in 1/2/3 MP models
- True day/night camera
- 3-axis gimbal
- Lightgrabber II low-light feature
- Power-over-Ethernet
- ONVIF and PSIA compliant

IQ Bullet and Box Cameras

R5 Series Bullet

- Resolutions up to 3 MP
- H.264 and M-JPEG compression
- 30 fps @ HD720p and HD1080p, 15 fps @ 3 MP
- Built-in IR LEDs
- True day/night camera
- Power-over-Ethernet, 12 VDC
- IP66 outdoor enclosure
- ONVIF and PSIA compliant

3 Series

- Resolutions up to 2 MP
- 60 fps @ SD480p, 30 fps @ HD720p / HD1080p
- H.264 and M-JPEG compression
- True day/night camera
- Lightgrabber II low-light feature
- Power-over-Ethernet
- ONVIF and PSIA compliant

7 Series

- Resolutions up to 5 MP
- Remote back focus for sharp focusing
- H.264 and M-JPEG compression
- 60 fps @ HD720p, 30 fps @ 1080p, 10 fps @ 5 MP
- WDR available in 1/2/3 MP models
- True day/night camera
- Lightgrabber II low-light feature
- Power-over-Ethernet, 12-24 VDC, 24 VAC
- Continuous analog video out
- ONVIF and PSIA compliant

Analog Cameras

SurveyorVFT PTZ Domes

- Video transmission via coaxial cable
- 22X, 23X or 36X high-resolution day/night camera
- Pendant configurations
- Impact-resistant and pressurized housings available
- 360˚ continuous pan
- Variable-speed drive
- Privacy masking
- Wide Dynamic Range (WDR); Digital Noise Reduction (DNR)

Fiber optic and twisted pair video transmission available on certain models

Cost-Effective Fixed Camera Domes

- Day/night, IR illumination and Wide Dynamic Range (WDR) models (options vary by housing)
- Up to 750 TVL resolution (model dependent)
- Varifocal autoiris lens
- Digital Noise Reduction (DNR)
- NTSC and PAL models

V661V-1 Series

V662V-1 Vandal Proof Series

V661D-1 Series

Cost-Effective Box and Bullet Cameras

V661-N-1 High-Resolution Day/Night Camera

- 750 TV lines
- Day/night (ICR) capability with digital WDR
- Outstanding low-light performance
- 2D Digital Noise Reduction (DNR)
- On-screen menus with innovative joystick control make setup and operation easy
- NTSC and PAL models

V662-D-2 High-Resolution WDR Camera

- 750 TV lines
- 0.5 lux color; 0.01 lux BW
- Super Wide Dynamic Range (WDR)
- Digital Noise Reduction (DNR)
- On-screen menus with innovative joystick control make setup and operation easy
- NTSC and PAL models

V660B-488IR Bullet Camera

- Day/night, IR illumination and Wide Dynamic Range (WDR)
- External remote controller for setup of motorized 4.1-88 mm lens
- 600 TV lines
- 22X optical zoom
- IR LED illumination
- 2D Digital Noise Reduction (DNR)
- NTSC and PAL models

Accessories

Monitors

- Variety of HD LED sizes up to 42”
- 16:9 aspect ratio

Network Switches

- Various port options
- PoE models

Camera Accessories

- Extensive selection of indoor and outdoor mounting hardware
- Varifocal lenses, including IR and megapixel
- Power supplies

Transmission Products

- Fiber-optic media converters for range extension of IP networks
- Fiber-optic and twisted-pair transmission systems for video and data

Surge Protection

- Complete line of devices for VMS system components
- Models to protect Ethernet, PoE, DVRs and cameras

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